

WORKMAN NYDEGGER

A PROFESSIONAL CORPORATION
ATTORNEYS AND COUNSELORS
1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111
(801) 533-9800
FAX (801) 328-1707

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To: Examiner Caridad Everhart - UNITED STATES PATENT AND TRADEMARK OFFICE

Fax No.: (703) 872-9306

No. of Pages: 23 (incl. this page)

From: Kevin W. Stinger

Date: August 11, 2004

File No./Subject: **AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION**
Patent Application
Serial No.: 10/694,433
Filing Date: October 27, 2003
Title: PROCESS FOR IMPROVING YIELD OF DFB LASERS
Our File: 15436.247.7.1

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VIA FACSIMILE (703) 872-9306

OFFICIALPATENT APPLICATION
Docket No. 15436.247.7.1

In re application of

Sumesh Mani K. Thiyagarajan

Serial No.:

10/694,433

Filed:

October 27, 2003

For:

PROCESS FOR IMPROVING YIELD OF DFB LASERS

Confirmation No.:

8936

Examiner:

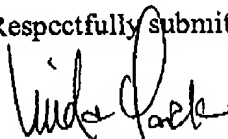
Caridad Everhart

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)CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that the following documents are being filed with the U.S. Patent and Trademark Office via facsimile to Attn: Caridad Everhart, Examiner U.S. Patent and Trademark Office, facsimile number: (703) 872-9306 this 11 day of August, 2004:

- Transmittal Letter for Amendment and Response to First Office Action (2 pgs.) (in duplicate)
- Amendment and Response to First Office Action (16 pages)
- Credit Card Form PTO 2038 in the amount of \$172.00 (1 page)

Respectfully submitted,



Linda Clark, Assistant to
Kevin W. Stinger
Attorney for Applicants
Registration No. 48,959
Customer No. 022913
Telephone No. (801) 533-9800

KWS/lrc
LC0000001471V001

PAGE 3/23 * RCVD AT 8/11/2004 5:43:45 PM [Eastern Daylight Time] * SVR:USPTO-EFAX-1/4 * DNIS:8729306 * CSID:8013281707 * DURATION (mm-ss):05-50

August 11, 2004
10/694,433
Page 2

The fee has been calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
CLAIMS REMAINING AFTER	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'T'L FEE	RATE	ADD'T'L FEE
TOTAL	34 - 34	= 0	X		X 18	0
INDEPENDENT	5 - 3	= 2	X		X 86	\$172
1 st PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+ _____ =		+ _____ =	
			TOTAL		TOTAL	\$172

X Credit Card Payment Form PTO 2038 in the amount of \$172.00 is enclosed to cover the extra claims fee.

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_____ Please charge my Deposit Account No. 23-3178 in the amount of _____.

X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.

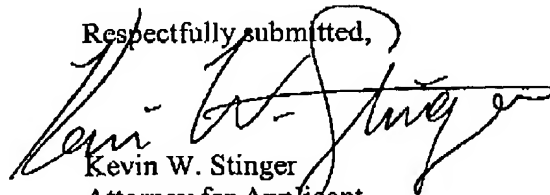
X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

X Any patent application processing fees under 37 CFR 1.17.

X A duplicate copy of this transmittal letter is attached.

Dated this 11th day of August, 2004.

Respectfully submitted,



Kevin W. Stinger
Attorney for Applicant
Registration No. 48,959
Customer No. 022913
Telephone No. (801) 533-9800

KWS/trc
LC0000001471V001

OFFICIAL

Application No. 10/694,433
Amendment and Response to First Office Action mailed June 25, 2004

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PATENT APPLICATION
Docket No. 15436.247.7.1

AUG 11 2004

In re application of

Sumesh Mani K. Thiyagarajan

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Examiner:

Caridad Everhart

AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION

VIA FACSIMILE (703) 872-9306
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This communication is in response to Examiner's Office Action mailed June 25, 2004 (the "Office Action"). Reconsideration is respectfully requested in view of the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims that begins on page 3 of this paper.

Remarks/Arguments begin on page 11 of this paper.

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